



CITY OF MIAMI GARDENS

COMPREHENSIVE DEVELOPMENT MASTER PLAN

CONSERVATION ELEMENT

GOALS OBJECTIVES AND POLICIES

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CHAPTER IV - CONSERVATION ELEMENT GOALS, OBJECTIVES AND POLICIES

GOAL 1: PROTECTION AND CONSERVATION

Protect, promote and enhance the conservation and use of all natural and environmental resources of Miami Gardens through regulatory means, public education programs and intergovernmental coordination.

Objective 1.1: Air Quality

The City shall continue to protect and sustain ambient air quality.

Monitoring Measures: Maintaining and/or improving existing air quality standards.

Monitoring Measures: Assessment of air quality impact analysis results from regional, state and federal agencies.

Policy 1.1.1: Cooperate with county and state agencies to ensure that air quality standards are met and/or exceeded to provide for a cleaner environment.

Policy 1.1.2: Require all residential and non-residential developments to provide a specified amount of native trees pursuant to the land development regulations on established pervious to non-pervious surface areas. Utilize these standards to address issues related with noise abatement, dust from building sites and nuisance odors from business and industrial uses and promote aesthetic beauty.

Policy 1.1.3: Prohibit un-permitted burning of trash and debris within the City.

Policy 1.1.4: Encourage alternative forms of transportation and transit-oriented development (TOD) in conjunction with new developments and/or new roadway projects such as Metrorail.

Objective 1.2: Water Quality

The City shall conserve, appropriately use and protect the quality and quantity of floodplains, drainage, all current and projected water sources and waters.

Monitoring Measures: The extent to which water resources are conserved, appropriately used and protected and the degree to which the following policies are implemented.

Monitoring Measures: The level of service standards in the City's CDMP and consumption and conservation standards in the City's land development regulations.

Policy 1.2.1: Adopt surface water management and floodplain damage prevention regulations by addressing any construction in the one hundred (100) year floodplain to be in compliance with all the requirements and standards pursuant to the Federal Emergency Management Agency (FEMA) and

programs and policies of the Federal Insurance Administration, and the City's building codes.

- Policy 1.2.2:** Develop appropriate land development regulations to enforce stormwater management and control stormwater runoff.
- Policy 1.2.3:** Develop a Stormwater Drainage Master Plan and appropriate land development regulations that evaluate and implement the long term needs for retrofitting future stormwater drainage and groundwater aquifer recharge needs and meet state standards.
- Policy 1.2.4:** Continue to work and coordinate with City of North Miami Beach, Miami-Dade County, South Florida Water Management District (SFWMD) and other related agencies when emergency water management procedures are in effect.
- Policy 1.2.5:** Develop appropriate land development regulations that enforce a requirement that makes a development contingent upon the availability of adequate potable water.
- Policy 1.2.6:** Evaluate alternatives to conserve existing water supplies including but not limited to water saving devices or Xeriscaping.
- Policy 1.2.7:** Ensure that water conservation booklets and educational materials are made available to residents and businesses via city hall, public facilities and educational programs and workshops.

Objective 1.3: Protected & Endangered Species

The City shall continue to maintain, enhance and protect the natural vegetative communities, and wildlife listed as endangered or threatened within City of Miami Gardens.

Monitoring Measures: Annual reports to regional, state and federal agencies ensuring habitat protection of endangered and threatened species.

Monitoring Measures: The incorporation of wildlife and plant protection standards into the City's land development regulations.

- Policy 1.3.1:** Adopt land development regulations to protect wildlife and vegetative communities that are endangered or threatened.
- Policy 1.3.2:** Prohibit development that will disturb or destroy native vegetation, wildlife and plants especially those that are endangered species through site plan review process and environmental management site inspections.
- Policy 1.3.3:** Manage environmentally sensitive vegetation and natural systems including but not limited to water resources, wetlands, native vegetation

habitats of flora and fauna through land use planning, site plan review and land development regulation techniques.

Policy 1.3.4: Protect the urban forest from destruction and disturbance due to adverse effects from incompatible uses through the site plan review process.

Policy 1.3.5: Adopt regulations that ensure that during the site plan review process, development plans submit to the City any applicable regional, state or federal permits regarding listed species.

Policy 1.3.6: Cooperate with local, regional, state and federal agencies in protecting wildlife and plant species that are listed as endangered and/or threatened and support efforts to protect and conserve their natural habitats.

Policy 1.3.7: Ensure that information booklets and educational material is made available to residents and businesses via city hall, public facilities and educational programs and workshops to develop more awareness for native wildlife.

Objective 1.4: Natural Resources

The City shall continue to maintain and conserve all natural and conservation areas and their value to the surrounding natural environment.

Monitoring Measures: The extent to which natural resources are conserved, appropriately used and protected and the degree to which the following policies are implemented.

Monitoring Measures: The incorporation of conservation standards into the City's land development regulations.

Policy 1.4.1: Adopt land development regulations to protect natural resources and conservation areas through the development review process.

Policy 1.4.2: Continue to coordinate with Miami-Dade County's Department of Environmental Resource Management (DERM), South Florida Water Management District (SFWMD), South Florida Regional Planning Council (SFRPC), and other state and federal agencies to protect and manage the functionality of the natural systems.

Policy 1.4.3: Integrate city's open space and recreation system with emphasis on conservation and open space land uses.

Policy 1.4.4: Promote and support Miami-Dade County's Snake Creek Bikeways preferred plan as passive recreational open space within the City.

Policy 1.4.5: Coordinate the implementation of the City Parks Master Plan with the Snake Creek Bikeway preferred plan and other future recreational and open space plans for the City.

- Policy 1.4.6:** Encourage the City’s vision of developing a city-wide Greenways Master Plan along canal rights-of-way by coordinating through the Transportation and Future Land Use elements and the City parks master planning process.
- Policy 1.4.7:** Establish conservation easements for the benefit of the residents to allow access to and from natural areas.
- Policy 1.4.8:** Ascertain that all available grants and such opportunities are utilized for preservation of natural areas.
- Policy 1.4.9:** Coordinate and participate with other agencies and entities involved in the improvement and preservation of the City’s and surrounding ecosystems.
- Policy 1.4.10:** Ensure that information booklets and educational material is made available to residents and businesses via city hall, public facilities and educational programs and workshops to develop more awareness for natural and conservation areas.
- Policy 1.4.11:** Continue public outreach for natural systems maintenance and protection through the City’s Keep Miami Gardens Beautiful Program.

Objective 1.5: Wetlands

While there are no known wetlands in Miami Gardens, the City shall continue to ensure that any wetlands identified and protected under county, regional, state or federal statutes and jurisdictions will be protected and prevented from environmental damage.

Monitoring Measures: Compliance with City Land development regulations through development review process.

Monitoring Measures: The degree to which the following policies are successfully adopted and implemented.

- Policy 1.5.1:** Protect and prevent the disturbance of any public or private wetland area by utilizing the authority provided by Miami-Dade County DERM, SFWMD and any other regional, state or federal agencies.
- Policy 1.5.2:** Adopt land development regulations that address wetland mitigation standards to provide consistency and compatibility with surrounding uses and preserve open space.
- Policy 1.5.3:** Protect environmentally sensitive areas within City of Miami Gardens by designating such areas as “Preservation” on the Future Land Use Map.

Objective 1.6: Mineral Resources

While there is no known mining in the City of Miami Gardens, the City shall conserve and protect areas determined to be suitable for extraction of minerals and soils.

Monitoring Measures: Compliance with City land development regulations through development review process.

Monitoring Measures: The degree to which the following policies are successfully implemented.

Policy 1.6.1: Adopt land development regulations that prohibit mining of minerals except as incidental to the development of land for residential or nonresidential purposes.

Policy 1.6.2: Ensure that drainage regulations are incorporated into the land development regulations to preserve soils.

Objective 1.7: Hazardous Materials

The City shall ensure that hazardous materials are properly disposed of and recycling and reuse principles are promoted through public awareness campaigns.

Monitoring Measures: Compliance with City Land Development Regulations through development review process.

Monitoring Measures: The degree to which the following policies are successfully implemented.

Policy 1.7.1: Adopt land development regulations that prohibit illegal dumping of hazardous wastes and enforce directives towards restriction of uses and appropriate management of hazardous materials.

Policy 1.7.2: Cooperate with Miami-Dade County Department of Solid Waste Management and appropriate regional, state and federal agencies to ensure that hazardous wastes generated within the City are properly managed to protect the environment.

Policy 1.7.3: Ensure that information booklets and educational material is made available to residents and businesses via City Hall, public facilities and educational programs and workshops to develop more awareness for regulatory processes regarding hazardous materials and recycling.